

Product datasheet for TP518917

Pde7b (NM_013875) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphodiesterase 7B (Pde7b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218917 representing NM_013875 Red =Cloning site Green =Tags(s)

MSCLMVERCGEVLFESEPEQSVKVCMLGDVRLRGQTVGPAERRGSYPFIDFRLLNNTTHSGEIGTKKKVK
RLLSFQRYFHASRLLRGIIQPAPLHLLDEDYLGQARHMLSXVGTWDFDIFLFDRLTNGNSLVTLCHLFN
SHGLIHFFKLDMVTLHRFLVMVQEDYHGHPYHNAVHAADVTQAMHCYLKEPKLASFLTPLDIMLGLLAA
AAHDVDHPGVNQPFLIKTNHHLANLYQNMSVLENHHWRSTIGMLRESRLLAHLPKEMTQDIEQQLGSLIL
ATDINRQNEFLTRLKAHLHNKDLRLENVQDRHFMLQIALKCADICNPCRIVEMSKQWSERVCEEFYRQGD
LEQKFELEISPLCNQQKDSIPSIQIGFMTYIVEPLFREWARFTGNSTLSENMLSHLAHNKAQWKSLLSNQ
HRRRGSGQDLAPAPETLEQTEGATP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_038903</u>
Locus ID:	29863



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UniProt ID: [Q9QXQ1](#), [Q8CBS2](#)

RefSeq Size: 4127

Cytogenetics: 10 A3

RefSeq ORF: 1338

Summary: Hydrolyzes the second messenger cAMP, which is a key regulator of many important physiological processes. May be involved in the control of cAMP-mediated neural activity and cAMP metabolism in the brain.[UniProtKB/Swiss-Prot Function]